

Neuroimmunology

A postdoctoral training position is available in the laboratory of **Dr. J. David Beckham**, in the **department of Internal Medicine** at UT Southwestern Medical Center to study **neuroimmunology**. The Beckham lab is funded by the NIH and broadly studies the fundamental immune responses in the brain with a focus on innate immune responses in neurons and microglia as well as mechanisms of innate cellular immune responses in the brain. The laboratory currently has NINDS funding to investigate the links between synuclein genes and innate immunity in the central nervous system.

Work performed in this role will use various antigen exposures, including virus infection, to investigate the mechanisms of innate immunity in the CNS and subsequent implications in neurodegeneration. This position will provide education, supervision and training for other trainees in a diverse laboratory setting as assigned by the PI. Inter-professional skills are vital and required for close collaborations with multiple ongoing projects within the laboratory.

Qualifications

Candidates must hold a recent Ph.D. and/or M.D. degree. Experience in **immunology, neuroscience, viral immunology, or equivalent**.

Established laboratory experience with molecular immunology, flow cytometry, tissue culture, mouse models, or other advanced research skills in the fields of immunology or neuroscience is required.

Pass the University required examinations concerning handling of radioactive materials, hazardous chemicals and hazardous biological specimens.

1-2 years of animal work experience, immunology/neuroscience experience, or experience in molecular immunology laboratory work.

Information on our postdoctoral training program, benefits, and a virtual tour can be found at <http://www.utsouthwestern.edu/postdocs>.

Interested individuals should send a CV, statement of interests, and a list of three references to:

J. David Beckham, M.D.

Professor, Division Chief

UT Southwestern Medical Center

Department of Medicine, Division of Infectious Diseases and Geographic Medicine

5323 Harry Hines Blvd.

Dallas, TX 75390-9113

[**John.Beacham@UTSouthwestern.edu**](mailto:John.Beacham@UTSouthwestern.edu)

[**John Beckham, M.D. - Faculty Profile - UT Southwestern**](#)

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